

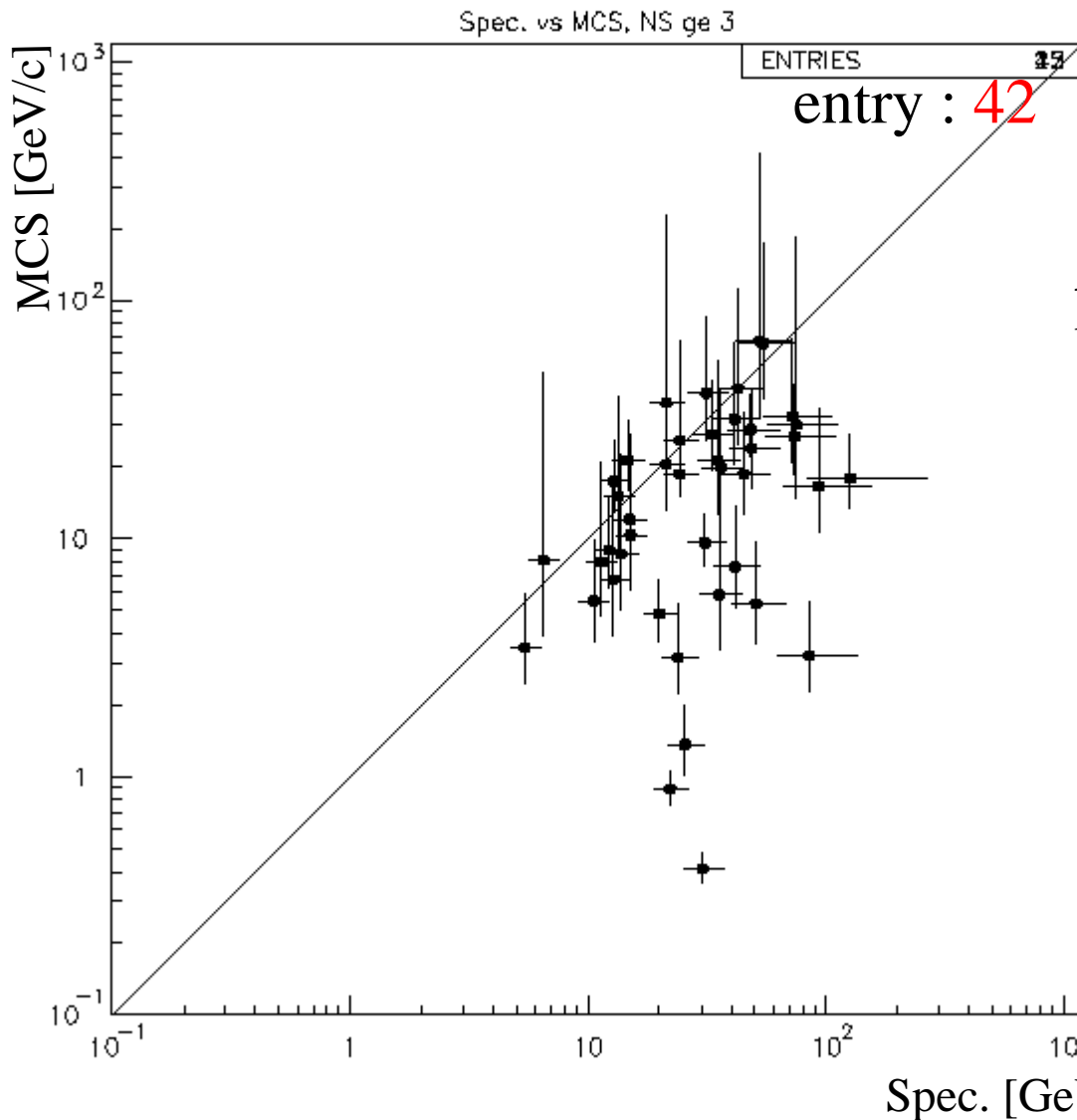
check for unmatched momentum

Satoru Takahashi

19<sup>th</sup>/Sep./2006

DONUT phone meeting

# NS $\geq 3$



NS $\geq 3$  : 426ev



having Spec. momentum : 85



measured by MCS : 67

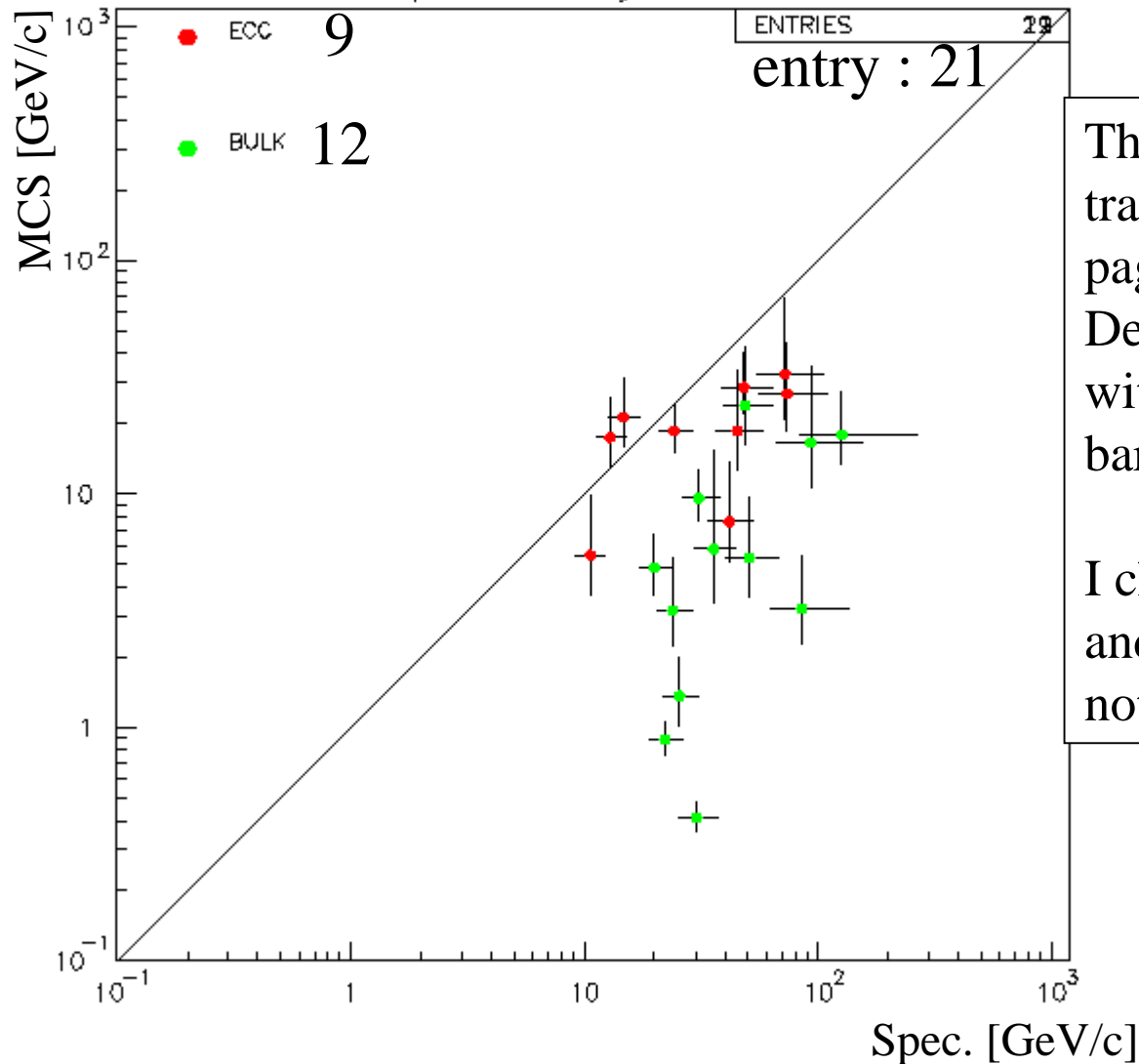


$P_{\text{MCS}} < P_{\text{MCS limit}}$  : 42

This plot was shown in  
phone meeting at 25<sup>th</sup>/July.

# NS $\geq 3$ , unmatched

Spec. vs MCS, NS  $\geq 3$ , unmatched

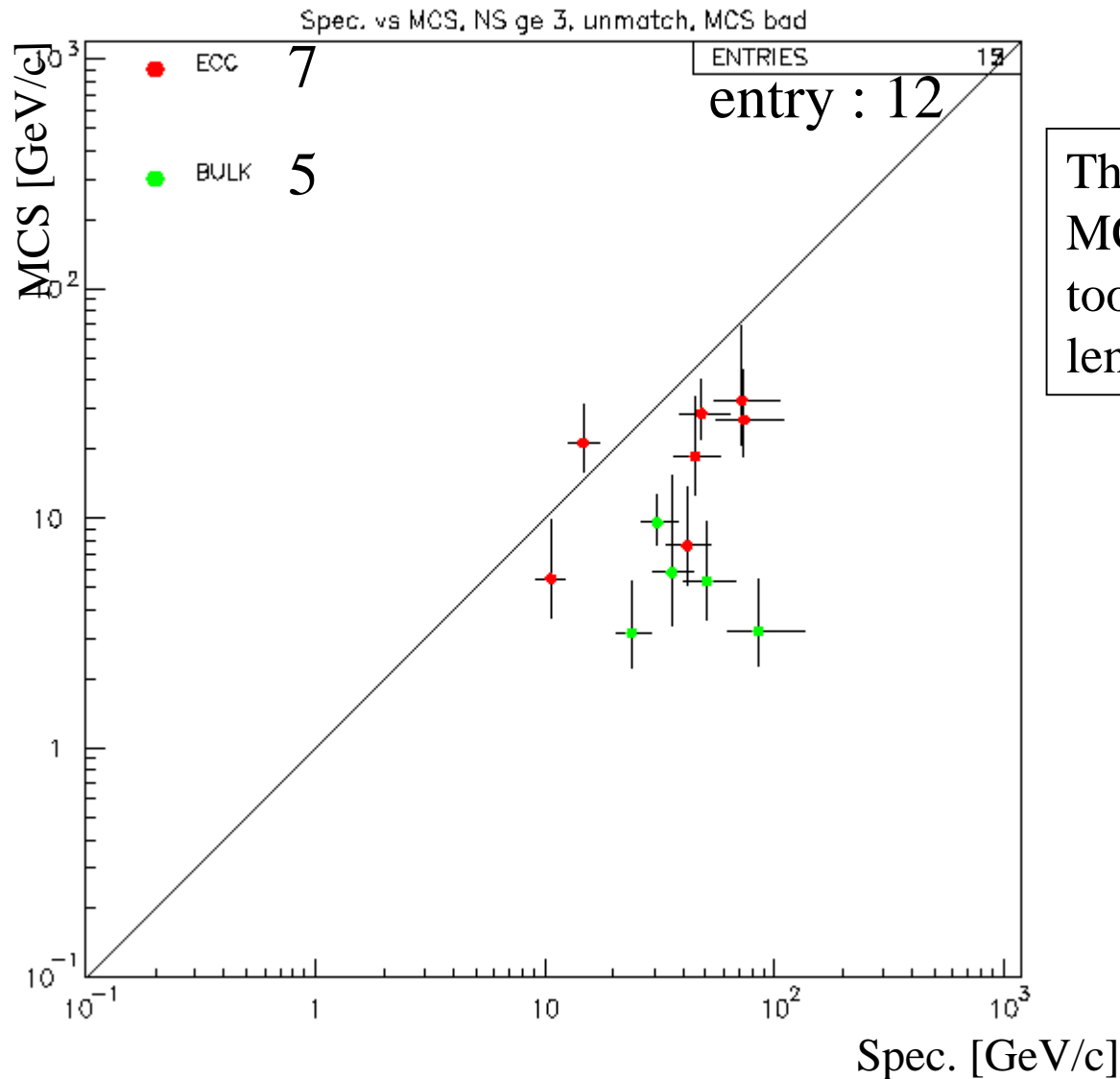


This plot was rejected matched tracks from the plot of previous page.

Definition of match is on the line within error bar (Vertical error bar is 80% coverage.).

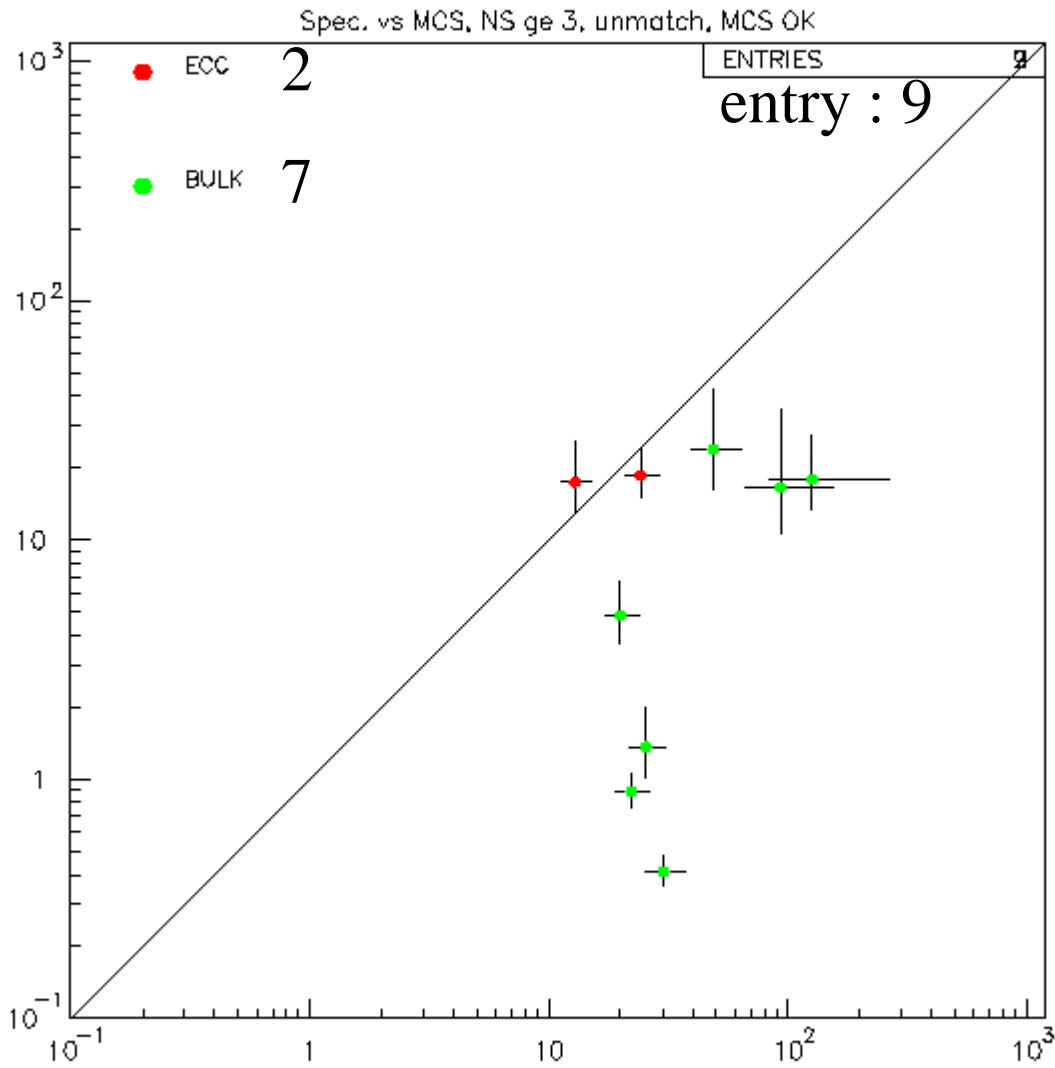
I checked MCS momentum data and judged having problem or not.

# MCS momentum having problem



These tracks can't be detected  
MCS signal (high momentum or  
too short followed radiation  
length).

# MCS momentum OK



These tracks look like good measurement momentum by MCS.